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| 09/997,080 | 11/28/2001 | Byeong-Hoon_Lee | | 5484-93 | 6095 |
| 20575 75 | 90 04/08/2003 | | | | |
| MARGER JOHNSON & MCCOLLOM PC | | | | EXAMINER | |
| 1030 SW MORI PORTLAND, O | RISON STREET DR 97205 | 7 | PHAN, T | | RONG Q |
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Please find below and/or attached an Office communication concerning this application or proceeding.

| Office Action Summary Examin r TRONG PHAN 2818 | | Application No. | Applicant(s) | | | | |
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| TRONG PHAN 2818 TRONG PHAN 2818 TRONG PHAN TR | | 09/997,080 | LEE ET AL. | | | | |
| ### Period for Reply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. - Extensions of them may be available under the provisions of 3C/FR 1.135(a).—In or event, however, may a reply be timely filled. - It the period for may be a valiable under the provisions of 3C/FR 1.135(a).—In or event, however, may a reply be timely filled. - It the period for reply specified alone is like the in this common of 1.155(a).—In or event, however, may a reply be timely filled. - It the period for reply specified alone is like the intermosine of 3C/FR 1.135(a).—In or event, however, may a reply be timely filled. - It the period for reply specified alone is like the mine the mornion of the specified in the period for reply will, by stalled, cause the application is become ABANDONED (38 U.S. 0. 133). - Any reply received by the Office late then three mornion after the mailing date of this communication, even if timely filled, may reduce any seminary produce any seminary produced with the produced of the communication. - The produced produced to seminary produced to seminary produced to seminary produced any seminary produced with the produced control of the angle of the seminary produced and produced to seminary produced to seminary produced and produced to seminary produced to sem | Office Action Summary | Examin r | Art Unit | | | | |
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| THE MAILING DATE OF THIS COMMUNICATION. -Estimations dation may be available under the processor. -Estimation of time may be unable under the processor. -If the princip of prophysperiod above is less than this (30) days. I analy within the station princip of they specified above is less than this (30) days. I analy station of they specified above is less than this (30) days. I and the station princip of they specified above is less than this (30) days. I and the station of this (20) days will be considered timely. - Tabler to reply within the set or extended period for reply will, by statule, cause the application to become ABANDONED (35 U.S.C. § 133). - Any reply received by the Office last than three more made than the communication. Even if timely fleed, may reduce any carried palant term adjustment. See 37 CFR 1.794(b). Status 1) | | | | | | | |
| If the period for rophy specified above is lass than thirty (30) days, a rephy within the adatutory miniman of hirty (30) days with be considered famely. In Operation cropy is specified above, the maximum statutory period with apply and will expire SIX (6) MONT Ris on the mailing date of this communication. Any reply received by the Office later than three months after the mailing date of this communication, even if timely filled, may reduce any? Status 1) □ Responsive to communication(s) filed on 20 March 2003. 2a) □ This action is FINAL. 2b) □ This action is non-final. 3) □ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under Ex parte Quayle, 1935 C.D. 11, 453 O.G. 213. Disposition of Claims 4) □ Claim(s) 1-2Z Is/are pending in the application. 4a) Of the above claim(s) □ is/are withdrawn from consideration. 5) □ Claim(s) 1-2Z is/are rejected. 7) □ Claim(s) 1-2Z is/are rejected to estination and/or election requirement. Application Papers 9) □ The specification is objected to by the Examiner. 10) □ The drawing(s) filed on □ is/are: a) □ accepted or b) □ objected to by the Examiner. Application Papers 11) □ The proposed drawing correction filed on 24 October 2002 is: a) □ approved b) □ disapproved by the Examiner. If approved, corrected drawings are required in reply to this Office action. 12) □ The oath or declaration is objected to by the Examiner. Priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ Aknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) □ Certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). -15) □ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application). -16) □ | THE MAILING DATE OF THIS COMMUNICATIONExtensions of time may be available under the provisions of 37.CFR 1.136(a).—In-no-event, however, may a reply be timely filed | | | | | | |
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| 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s) | Notice of References Cited (PTO-892) Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) Notice of Informal | | | | | |

U.S. Patent and Trademark Office PTO-326 (Rev. 04-01) Application/Control Number: 09/997,080

Art Unit: 2818

Claim R jections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.
- 2. Claims 1-27 are rejected under 35 U.S.C. 102(b) as being anticipated by Ajika et al., 5,994,732.

Ajika et al., 5,994,732, discloses in Fig. 8 Prior Art a nonvolatile memory device comprising:

a plurality of memory sectors 3a;

each sector comprising a plurality of memory erase blocks 26;

a plurality of well/bulk drivers 60 each being connected to each memory erase sector 3a;

as shown in Fig. 3, each of memory erase blocks 26 comprising a plurality of memory cell transistors 11 having control gates 22 connected to word lines 10 (see lines 7-8 and line 61, column 7 and Fig. 2) sharing together with a plurality of select gate transistors/column decoder transistors 12 within each of memory erase blocks 26 on a common p-well (bulk) region 3a which is formed on substrate 1 as shown in Fig. 9 Prior Art (see lines 52-58, column 6).

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TRONG PHAN whose telephone number is (703) 308-4870. The examiner can normally be reached on M-F (8:30-5:00).

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (703) 308-4910. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 746-4021 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

TRONG PHAN
PRIMARY EXAMINER

April 2, 2003